

**Epoxy Systems, Inc.**  
**Material Safety Data Sheet**  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200.

**IDENTITY: EPOXY.COM #26HP“A” Component**

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems, Inc.	<b>Emergency Number:</b>	1-800-633-8253 PERS
<b>Address:</b>	20774 West Pennsylvania Ave Dunnellon, FL 34431	<b>Telephone Number:</b>	352-489-1666
		<b>Date Prepared:</b>	4/2008

**SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>Hazard Limits</u>	<u>%</u>
Epoxy Resin	025085-99-8	N/E			

NOTE: It is very unlikely that normal work operations could produce concentrations that are harmful to humans.

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	1.15
<b>Vapor Pressure (mm Hg.):</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>Solubility in Water:</b>	Slight	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	Yellowish liquid, mild odor		

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** 480°F PMCC      **Flammable Limits: LEL** N/D      **UEL** N/D

**Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical

**Special Fire Fighting Procedures:** Wear positive pressure, self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** None

**SECTION V - REACTIVITY DATA**

**Stability:** Stable      **Conditions to Avoid:** None

**Incompatibility:** Base

**Hazardous Decomposition or Byproducts:** Carbon Monoxide, Carbon Dioxide

**Hazardous Polymerization:** Will Not Occur      **Conditions to Avoid:** None known

(OVER)

**Epoxy.com #26HP "A" Component – continued**

**SECTION VI - HEALTH HAZARD DATA**

**Route(s) of Entry:**                      **Inhalation:** No                      **Skin:** Yes                      **Ingestion:** Yes

**Health Hazards (*Acute and Chronic*):** May cause eye irritation. Can cause allergic skin response. No hazards anticipated from ingestion incidental to industrial exposure.

**Carcinogenicity:** **NTP:** Not Listed    **IARC Monographs:** Not Listed    **OSHA Regulated:** Not Regulated

**Signs and Symptoms of Exposure:** Skin or eye irritation or sensitization

**Medical Conditions Generally Aggravated by Exposure:** None known

**Emergency and First Aid Procedures:** Eyes: Flush with water for at least 15 minutes. Skin: Wash thoroughly with soap and water.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to Be Taken in Case Material Is Released or Spilled:** Soak up in absorbent material, such as sand, and collect in suitable containers.

**Waste Disposal Method:** Burn in adequate incinerator or bury in approved landfill in accordance with Federal, State and local regulations.

**Precautions to Be Taken in Handling and Storing:** Keep containers closed. Store in cool area

**Other Precautions:** Keep Containers closed. Store in cool area.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** None normally needed.

**Ventilation:** Mechanical (General) Good general ventilation.

**Protective Gloves:** Rubber Gloves

**Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** Clean work clothes

**Work/Hygienic Practices:** Follow practices of good industrial hygiene.

**Epoxy Systems, Inc.**  
**Material Safety Data Sheet**  
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**IDENTITY:** Epoxy.com #26HP "B" Component

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems, Inc.	<b>Emergency Number:</b>	1-800-633-8253 PERS
<b>Address:</b>	20774 West Pennsylvania Ave Dunnellon, FL 34431	<b>Telephone Number:</b>	352-489-1666
		<b>Date Prepared:</b>	4/2008

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<b>Hazardous Components</b>	<b>CAS #</b>	<b>OSHA PEL</b>	<b>ACHIH TLV</b>	<b>Hazard Limits</b>	<b>%</b>
Modified Polyamine	mixture	N/E	N/E		100

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	Unknown	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	.97
<b>Vapor Pressure (mm Hg.):</b>	<1 mmHg	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	6.53	<b>Evaporation Rate:</b>	N/D
<b>Solubility in Water:</b>	Slight	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	Dark liquid, amine odor		

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** 265°F PMCC      **Flammable Limits: LEL** N/E      **UEL** N/E

**Extinguishing Media:** Water fog, CO<sub>2</sub>, dry chemical

**Special Fire Fighting Procedures:** Use a positive pressure self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** None

**SECTION V - REACTIVITY DATA**

**Stability:** Stable      **Conditions to Avoid:** None

**Incompatibility:** Acids and bases

**Hazardous Decomposition or Byproducts:** Nitrogen oxides when burned

**Hazardous Polymerization:** Will Not Occur      **Conditions to Avoid:** None known

(OVER)

**Epoxy.com #26HP "B" Component -continued**

**SECTION VI - HEALTH HAZARD DATA**

**Route(s) of Entry:**                      **Inhalation:** Yes                      **Skin:** Yes                      **Ingestion:** No

**Health Hazards (*Acute and Chronic*):** May cause severe injury to skin following prolonged or repeated contact. May cause allergic responses. Ingestion may cause burns of throat and mouth

**Carcinogenicity:**    **NTP:** Not Listed                      **IARC Monographs:** Not Listed                      **OSHA Regulated:** Not Regulated

**Signs and Symptoms of Exposure:** Eye irritation, skin irritation

**Medical Conditions Generally Aggravated by Exposure:** Skin irritation

**Emergency and First Aid Procedures:** Eyes: Flush immediately with copious amounts of water for at least 15 minutes. Skin: Wash thoroughly with soap and water. Ingestion: Do not induce vomiting.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to Be Taken in Case Material Is Released or Spilled:** Contain spill. Broadcast absorbent material. Collect in suitable containers.

**Waste Disposal Method:** Incinerate in accordance with Federal, State and local regulations.

**Precautions to Be Taken in Handling and Storing:** Keep containers closed. Store in cool area.

**Other Precautions:** Avoid breathing vapors

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** NIOSH approved organic respirators in enclosed areas

**Ventilation:** Mechanical (General) Good general ventilation

**Protective Gloves:** Rubber gloves                      **Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** Long sleeved shirt, long pant clothing

**Work/Hygienic Practices:** Follow practices of good industrial hygiene.

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**IDENTITY:** Epoxy.com #26HP "C" Component

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems, Inc.	<b>Emergency Number:</b>	1-800-633-8253 PERS
<b>Address:</b>	20774 West Pennsylvania Ave Dunnellon, FL 34431	<b>Telephone Number:</b>	352-489-1666
		<b>Date Prepared:</b>	4/2008

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<b>Hazardous Components</b>	<b>CAS #</b>	<b>OSHA PEL</b>	<b>ACHIH TLV</b>	<b>Hazard Limits</b>	<b>%</b>
Silica Sand	14808-60-7	.1 mg/m <sup>3</sup>			
Titanium Dioxide	13463-67-7	10mg/m <sup>3</sup>			

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	2.20
<b>Vapor Pressure (mm Hg.):</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>Solubility in Water:</b>	100%	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	Gray powder		

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** N/A      **Flammable Limits: LEL** N/A      **UEL** N/A

**Extinguishing Media:** N/A

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** N/A

**SECTION V - REACTIVITY DATA**

**Stability:** Stable      **Conditions to Avoid:** None

**Incompatibility:** Silica will dissolve in Hydro Fluoric Acid and produce gas.

**Hazardous Decomposition or Byproducts:** N/A

**Hazardous Polymerization:** Will Not Occur      **Conditions to Avoid:** None known

(OVER)

**Epoxy.com #26HP "C" Component – continued**

**SECTION VI - HEALTH HAZARD DATA**

**Route(s) of Entry:**                      **Inhalation:** Yes                      **Skin:** No                      **Ingestion:** No

**Health Hazards (*Acute and Chronic*):** Gross inhalation may cause respiratory difficulty.

**Carcinogenicity:**

**NTP?** Yes (Crystalline Silica)    **IARC Monographs:** Yes 2A Grouping    **OSHA Regulated:** Not Regulated

**Signs and Symptoms of Exposure:** Skin irritation and mucous membrane irritation

**Medical Conditions Generally Aggravated by Exposure:** Freshly mixed concrete grout or mortar may cause skin injury. Avoid contact with skin and wash exposed areas promptly with water.

**Emergency and First Aid Procedures:** If powder gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to Be Taken in Case Material Is Released or Spilled:** Scoop up for disposal.

**Waste Disposal Method:** Burn in approved landfill in accordance with Federal, State and Local regulations.

**Precautions to Be Taken in Handling and Storing:** Keep containers closed. Protect from moisture.

**Other Precautions:** Avoid breathing dust.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** If it is not possible to reduce airborne exposure levels to below the OSHA PEL with ventilation, use NIOSH- certified respirators. Particulate respirators selection can be viewed at [www.cdc.gov/niosh/npptl/topics/respirators](http://www.cdc.gov/niosh/npptl/topics/respirators). The user of this MSDS is directed to this site for information for respirator selection and use.

**Ventilation:** Use sufficient local exhaust ventilation to reduce the level of respirable crystalline silica to below the OSHA PEL. See ACGIH "Industrial Ventilation A Manual of Recommended Practice" (latest edition)

**Protective Gloves:** Rubber gloves

**Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** Long sleeved, long pant clothing

**Work/Hygienic Practices:** Follow practices of good industrial hygiene.